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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/035,045 Confirmation No. : 3276  
Applicant : Jon ADLER, et al.  
Filed : January 3, 2002  
TC/A.U. : 1646  
Examiner : Michael Brannock  
Docket No. : 100337.54289US  
Customer No. : 23911  
Title : T1R Taste Receptors and Genes Encoding Same

**Response to Restriction Requirement**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

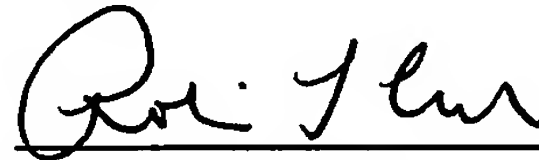
In response to the restriction requirement dated August 30th, 2004 Applicants elect with traverse Group I , Claims 1-119, 132-148, 150,151, 177-222 and 230 which are directed to polynucleotides encoding T1R polypeptides which constitute a taste receptor family involved in taste transduction, especially sweet and umami taste transduction. As the species election Applicants elect a nucleic acid sequence which encodes a full length human T1R2 polypeptide ( the human T1R2 amino acid sequence contained in this application).

The restriction requirement is traversed in part. Applicants respectfully submit that all of the claims which require as an essential element a T1R nucleic acid sequence or polypeptide should be examined together with the elected claims with the same species election (human T1R2 nucleic acid sequence or human T1R2 polypeptide). Applicants respectfully submit that once the nucleic acid sequence is found patentable, the claims which include this sequence should be found patentable as well. Additionally, the T1R2 polypeptide claims should be examined in conjunction with the elected T1R2 nucleic acid claims since the search and patentability considerations under the utility, enablement and written description guidelines would be anticipated to be substantially the same.

It is believed that this is a complete response to the outstanding restriction Requirement. If the Examiner has any questions concerning this Election or the application in general he is respectfully requested to contact the undersigned so that prosecution may be expedited

If necessary to effect a timely response, this paper should be considered as a petition for an Extension of Time sufficient to effect a timely response, and please charge any deficiency in fees or credit any overpayments to Deposit Account No. 05-1323 (Docket #100337.54289US).

Respectfully submitted,



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September 30, 2004

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